US EPARTMENT OF COMMERCE Docket No. Application No. FORM PTO-1449 (Modified) and Trademark Office

INFORMATION DISCLOSURE CITATION 09/955,259 52071.4 US Patent and Trademark Office Applicant **Nestor Annibali** in an Application Group Art Unit Filing Date (Use several sheets if necessary) 1636 September 12, 2001 **U.S. PATENT DOCUMENTS** Class Subclass Filing Date If Date of Name Examiner Ref. No. **Document** Appropriate Patent Initial Number Markussen 8/10/82 4,343,898 Α1 めんつ 2/14/84 Bell et al. **A2** 4,431,740 4/10/90 Markussen et al. **A3** 4,916,212 10/24/95 Lee et al. Α4 5.460.954 4/8/97 Brange et al. **A5** 5,618,913 9/2/97 Obermeier et al. 5,663,291 **A6** U.S. PATENT APPLICATION PUBLICATION DOCUMENTS Class Subclass Filing Date if Examiner Ref. No. **Document** Name Publication Appropriate Initial Number A7 **FOREIGN PATENT DOCUMENTS** Class Subclass Translation Examiner Ref. No. Document Country Yes **Publication** Number No+ considere, R1 3/10/82 EPO-0.046.979 20 not in English 7/14/82 **EPO** B2 0 055 945 9/24/86 **EPO** 0 195 691 NO 0.291-863 11/23/88 **EPO** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Brange et al., "Monomeric insulins obtained by protein engineering and their medical implications", C1 WKO Nature, vol. 333, pp.679-682, 1988. C2 Castellanos-Serra et al., "Expression and folding of an interleukin-2-proinsulin fusion protein and its conversion into insulin by a single step enzymatic removal of the C-peptide and the N-terminal fused sequence", FEBS Letters 378, pp. 171-176, 1996. Cowley et al., "Expression, purification and characterization of recombinant human proinsulin", FEBS C3 Letters 402, pp.124-130, 1997. Chan et al., "Biosynthesis and periplasmic segregation of human proinsulin in Escherichia coli", Proc. C4 Natnl. Acad. Sci USA vol. 78, no. 9, pp.5401-5405, 1981. Chance et al., "Chemical, Physical, and Biologic Properties of Biosynthetic Human Insulin", Diabetes care, C5 vol. 4, no. 2, pp. 1<u>47-154, 1981</u> Chance et al., "The Production of Human Insulin Using Recombinant DNA Technology and a New Chain C6 Combination Procedure", Diabetes care 4:147; pp. 721-728, 1981. Chang et al., "Human insulin production from a novel mini-proinsulin which has high receptor-binding **C7** activity", Biochem. J. 329, pp. 631-635, 1998.

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